

Conn, David

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From: Conn, David  
Sent: Friday, 16 March, 2007 3:57 PM  
To: 'alton.pryor@uspto.gov'  
Subject: United States Patent Appln No. 10/630,806

United States Patent Appln No. 10/630,806

Title: AGROCHEMICAL FORMULATION AID COMPOSITION AND USES THEREOF

Inventor(s): STEWART, James F.; BROWN, William G.

Our File: PAT 537AW-2 US

Dear Mr. Pryor,

Thank you for the telephone call today. I confirm that the applicant accepts the changes you propose to the claims standing in the application and have summarized them (as I understand them) below).

In claim 3 I have retained "from about 3-10% by weight of a ~~phosphate ester blend~~ of alkyl(aryl) ethoxylate phosphate ester as phosphate ester;" Reading this it appears that this defines part, but not all, of the phosphate ester of claim 1 as being of this particular type. I raise this as I was uncertain if this what you understand as well.

Best regards,

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1. An agrochemical formulation aid composition comprising about 1 to 99 parts by weight of monocarbamide dihydrogen sulphate and 50 to 1 parts by weight of a blend, said blend comprising:
  - 25-75 ~~1-99~~% by weight of a phosphate ester ~~blend~~; para 18
  - 75-25 ~~99-1~~% by weight of a tallow amine ethoxylate; para 18
  - 0-25% 3-5% by weight of a fatty acid methyl ester; para 18
  - 0-5% 0.1-3% by weight of a free fatty acid ~~blend~~; para 39
  - 0-10% 0.1-1% by weight of a linear alcohol ~~blend~~; Claim 3 - (N-butanol is a linear alcohol)
  - 0-1% 1-6% by weight of oleyl-cetyl alcohol; para 39
  - 0-10% 0.5 to 1.5% by weight of polyethylene glycol; and para 18balance, if any, of water.

2. An agrochemical formulation aid composition comprising about 1 to 99 parts by weight of monocarbamide dihydrogen sulphate and 50 to 1 parts by weight of a blend, said blend comprising:

~~1-99% by weight of a phosphate ester blend~~; removes indefiniteness

~~99-1% by weight of a tallow amine ethoxylate~~; removes indefiniteness

~~0-25%~~ 20-25% by weight of a fatty acid methyl ester; para 39

~~0-5%~~ 0.1-3% by weight of a free fatty acid ~~blend~~; para 39

~~0-0.5%~~ 3-6% by weight of 2N-octanol; para 30,34

~~0-1%~~ 5-10% by weight of oleyl-cetyl alcohol; para 30,34

~~0-1%~~ 0.1-1% by weight of N-butanol; para 39

~~0-10%~~ 7.2% by weight of polyethylene glycol; and para 18

balance, if any, of water.

3. The agrochemical formulation aid composition of claim 1 wherein said blend comprises:

about 3-5% by weight of a fatty acid methyl ester;

about ~~0-0.5%~~ 0.1-3% by weight free fatty acid ~~blend~~; para 39

about ~~0-0.5%~~ 0.5-3% by weight 2N-octanol; para 39

about ~~0-1%~~ 1-6% by weight of oleyl-cetyl alcohol; para 39

from about ~~0-0.1%~~ 0.1-1% by weight N-butanol; para 39

from about 3-10% by weight of ~~a phosphate ester blend~~ of alkyl(aryl)ethoxylate phosphate ester as phosphate ester;

from about 3-12% by weight tallow amine ethoxylate; and

from about 0.5 to 1.5% by weight polyethylene glycol.

4. ~~The~~ An agrochemical formulation aid composition ~~of claim 1~~ comprising about 85% by weight of monocarbamide dihydrogen sulphate and about 15% by weight of said a blend, said blend comprising:

31% phosphate ester ~~blend~~;

21.5% by weight tallow amine ethoxylate,

20.7% methyl soyate,

7.2% polyethylene glycol,

5.8% linear alcohol ~~blend~~,

1.9% tall oil fatty acid,

0.9% by weight butanol, and

11% water.

5. (cancelled) The agrochemical formulation aid composition of claim 1 comprising about 85% by weight of monocarbamide dihydrogen sulphate and about 15% by weight of said blend, said blend comprising about 1 to 99% by weight of ~~a phosphate ester blend~~ of alkyl(aryl) ethoxylate phosphate esters as phosphate ester and about 99 to 1% by weight of a tallow amine ethoxylate.

6. The agrochemical formulation aid composition of claim 1 comprising about 85% by weight of monocarbamide dihydrogen sulphate and about 15% by weight of said blend, said blend comprising about 25 to 75% by weight of ~~a phosphate ester blend~~ of alkyl(aryl) ethoxylate phosphate esters as said phosphate ester and about 75 to 25% by weight of a said tallow amine ethoxylate.